

INTERNATIONAL SEARCH REPORT

International application No.

PCT/FI 2004/000418

A. CLASSIFICATION OF SUBJECT MATTER

IPC7: B65B 25/14, B65B 57/00, G01B 11/00

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC7: B65B, G01B

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

SE,DK,FI,NO classes as above

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

EPO-INTERNAL, WPI, PAJ

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 4339904 A (P.KOUTONEN ET AL), 20 July 1982 (20.07.1982), column 2, line 42 - line 65, figure 1 --	1-9
A	EP 0610758 A2 (VALMET PAPER MACHINERY INC), 17 August 1994 (17.08.1994), claim 1, see figures --	1-9
A	US 5157265 A (V.UOMALA), 20 October 1992 (20.10.1992), figure 1, abstract --	1-9
A	EP 0610662 A1 (VALMET PAPER MACHINERY INC), 17 August 1984 (17.08.1984), abstract -- -----	1-9



Further documents are listed in the continuation of Box C.



See patent family annex.

* Special categories of cited documents:

"A" document defining the general state of the art which is not considered to be of particular relevance

"E" earlier application or patent but published on or after the international filing date

"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)

"O" document referring to an oral disclosure, use, exhibition or other means

"P" document published prior to the international filing date but later than the priority date claimed

"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

"X" document of particular relevance: the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

"Y" document of particular relevance: the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art

"&" document member of the same patent family

Date of the actual completion of the international search

25 October 2004

Date of mailing of the international search report

29-10-2004

Name and mailing address of the ISA/
Swedish Patent Office
Box 5055, S-102 42 STOCKHOLM

Authorized officer

Henrik Eriksson /itw

INTERNATIONAL SEARCH REPORT
Information on patent family members

01/10/2004

International application No.

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US	4339904	A	20/07/1982	CA	1121710	A	13/04/1982
				DE	2944331	A	14/05/1980
				FI	56803	B,C	31/12/1979
				FR	2440874	A,B	06/06/1980
				GB	2038759	A,B	30/07/1980
				JP	55071221	A	29/05/1980
				NO	155046	B,C	27/10/1986
				NO	793544	A	06/05/1980
				SE	434379	B,C	23/07/1984
				SE	7908769	A	04/05/1980

EP	0610758	A2	17/08/1994	SE	0610758	T3	
				AT	173081	T	15/11/1998
				DE	69414280	D,T	10/06/1999
				FI	1241	U	14/03/1994
				FI	93779	B,C	15/02/1995
				FI	930548	A,V	10/08/1994
				US	5376805	A	27/12/1994

US	5157265	A	20/10/1992	CA	2000602	A,C	01/05/1990
				DE	3936169	A,B	17/05/1990
				FI	82985	B,C	31/01/1991
				FI	885042	A	02/05/1990
				SE	467175	B,C	01/06/1992
				SE	8903342	A	02/05/1990

EP	0610662	A1	17/08/1984	SE	0610662	T3	
				AT	151028	T	15/04/1997
				DE	69402346	D,T	07/08/1997
				FI	1206	U	18/02/1994
				FI	92170	B,C	30/06/1994
				FI	930546	D,V	15/11/1993
				US	5542729	A	06/08/1996